Lajas Valley Area, Puerto Rico 06/11/2002

Soil Features

(See text for definitions of terms used in this table. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

Map symbol		Restric	tive layer		Subsidence		 Potential	Risk of corrosion	
and soil name	Kind	Depth to top	 Thickness	Hardness	 Initial	Total	for frost action	Uncoated steel	 Concrete
			 In		- In	In	<u> </u>	 	
AcD: Aguilita			 		0		 None	 Moderate	Low
AcE: Aguilita			 		0		 None	 Moderate 	 Low
Ag: Aguirre			 		0		 None 	 High	 Low
AmB: Amelia			 		0		 None	 Low	 Moderate
Maguayo					0		None	 High	Low
Amc2: Amelia			 				 None 	 Low 	 Moderate
Maguayo		į	ļ ļ		0		None	High	Low
Ao: Amelia			 		0		 None 	 Low 	 Moderate
AsB: Bahia			 		0		 None 	 Low 	 Low
Ca:			 		0		 None 	 High 	Low
Cc:		j 	i i I i		0		 None 	 High 	 Moderate

Map symbol and soil name		Subsid	lence		Risk of corrosion				
	 Kind	Depth to top	 Thickness	Hardness	 Initial	Total	for for frost action	Uncoated steel	 Concrete
	 	In	In		In	In			
Co: Coastal Beach					0		Low	High	 High
DeC: Descalabrado	 Bedrock (lithic)	 10-20	 		0		 None	Moderate	 Low
DeD: Descalabrado	 Bedrock (lithic) 	 10-20	 		0		 None 	Moderate	 Low
DeF: Descalabrado	 Bedrock (lithic) 	10-20	 		0		 None 	Moderate	 Low
Fe: Fe			 		0		 None	High	 Low
FrA: Fraternidad		 	 		0		 None 	High	 Low
FrB: Fraternidad		 	 		0		 None	High	 Low
Ft: Fraternidad		 	 		0		 None	High	 Moderate
FvA: Fraternidad			 		0		 None	High	Low
FvB: Fraternidad	 		 		0		 None	High	 Low
Gc: Guanica			 		0		 None	High	 Low
Gf: Guayabo	 	 	 		0		 None 	Low	 Low

Map symbol and soil name	[Subsid	lence	 Potential	Risk of corrosion				
	Kind	Depth to top	 Thickness	Hardness	 Initial	Total	for for action	Uncoated steel	Concrete
	 	In	-		 In	In		 	.
GuD: Guayama	 Bedrock (lithic)	 10-20			0		 None	 Moderate	Low
GuF:							 		
Guayama	Bedrock (lithic)	10-20 	 		0		None	Moderate 	Low
JaB: Jacana	 Bedrock (paralithic)	 20-40 	 		0		 None 	 High 	Low
JaC: Jacana	 Bedrock (paralithic)	 20-40 	 		0		 None 	 High 	 Low
JaC2: Jacana	 Bedrock (paralithic)	 20-40 			 0 0		 None 	 High 	 Low
JaD2: Jacana	 Bedrock (paralithic)	 10-20 			0		 None 	 Moderate 	Low
JcB: Jacana	 Bedrock (paralithic)	 20-40 	 		0		 None 	 High 	 Low
JcC: Jacana	 Bedrock (paralithic)	 20-40 			0		 None 	 High 	 Low
Lr: Limestone Rock Land	 Bedrock (lithic)	0-0			0		 None	 	
MaD2: Mariana	 Bedrock (paralithic)	 40-60 	 		0		 None 	 High 	 High

Map symbol and soil name	Restrictive layer					lence	 Potential	Risk of corrosion	
	 Kind	Depth to top	 Thickness	Hardness	 Initial	Total	for frost action		 Concrete
MaE2: Mariana	 Bedrock (paralithic)	In 40-60	In		In 0	In	 None	 High	 High
PaA: Palmarejo	 		 		0		 None 	 High 	 High
PaB: Palmarejo			 		0		 None 	 High 	 High
PaC2: Palmarejo	i 		i i		0		 None 	 High 	 High
PcB: Poncena	i 	j 	i i		0		 None 	 High 	 Low
PcC2: Poncena	 	i 	i i 		j j 0		 None 	 High 	 Low
PoA: Pozo Blanco	i 	i 	i i 		i i i o i		 None 	 Moderate 	 Low
PzB: Pozo Blanco	 		i i 		 0		 None 	 Moderate 	 Low
PzC: Pozo Blanco	i 	i 	i i I I I I		 0 		 None 	 Moderate 	 Low
PzD: Pozo Blanco	i 		i i		0		 None 	 Moderate 	 Low
Sa: San Anton	i 	i 	i i 		i 0 i		 None 	 Moderate 	 Low
Sc: San Anton	i 		i i		0		 None 	 Moderate	 Low

Map symbol and soil name	Restrictive layer					lence	 Potential	Risk of corrosion	
	 Kind	Depth to top	 Thickness	Hardness	- Initial	Total	for for frost action	Uncoated steel	 Concrete
		In	In		In	In	 		
Se: San Anton Variant					0		 None	Moderate	Low
SgD: San German	 Bedrock (lithic)	5-14			0		 None	Low	 Low
SgF: San German	 Bedrock (lithic)	 5-14	 		0		 None	Low	 Low
SmE: San German		 	 		0		 None 	Moderate	 Low
Sn: Santa Isabel		 	 		0		 None	High	 Low
SoA: Sosa					0		 None	Low	 Moderate
SsB: Sosa			 		0		 None	Low	 Moderate
SsD2: Sosa	 		 		0		 None	Low	 Moderate
Tc: Teresa					0		 None	 High	 Low
Tf: Tidal Flats	 		 		0		 None	High	 High
Ts: Tidal Swamp			 		0		 None	 High	 High
Va: Vayas	 	 	 		0		 None 	 High 	 Low

	Restrictive layer					dence		Risk of corrosion Potential	
Map symbol							Potential		
and soil name		Depth					for	Uncoated	
	Kind	to top	Thickness	Hardness	Initial	Total	frost action	steel	Concrete
		l							
		In	In		In	In			
Vo:									
Volcanic Rock Land	Bedrock (lithic)	0-0			0		None		
W:									
Water									